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From: LCARPENTER
To: MODIS.DATA.TEAM
Subj: MODIS SDST Minutes 01/22/93

MODIS Science Data Support Team (SDST) Meeting Minutes 01/22/93

ATTENDEES: Phil Ardanuy, Liam Gumley, J.J. Pan, Tom Goff, Paul Hubanks, Ed Masuoka, Al Fleig, Shahin Samadi, Greg Schmidt, Carl Solomon, Jim Storey, Lalit Wanchoo, Francesco Bordi, Tom Bryant, Paul Chan, Jy-Tai Chang, Larry Fishtahler

NEXT MEETING:	DATE	TIME	BUILDING	ROOM
	Friday, January 29	10:00am	22	G95

TOPICS:

1. MODIS AIRBORNE SIMULATOR (MAS): Liam Gumley is nearing completion on the MAS Level-1 Processing Guide which describes all steps in the Level-1 processing sequence. He also reported on an EMAIL message from Paul Menzel in Townsville, Australia that 3 successful flights have been made as of 19 January. All 11 channels are performing well.

2. DATA PRODUCTS LIST AND ALGORITHM DEPENDENCY DIAGRAM: J.J. Pan prepared an updated algorithm dependency diagram, data products list, and required channels list based on the responses received from 10 Team Members during the past week. He also plans to begin preparing the system requirements for the Level-2 shell design in the near future.

3. MODIS EARTH LOCATION ERROR: Paul Hubanks reported on the status of the "Analysis of MODIS Earth Location Error" report. Tables and Figures are being updated to reflect new pointing error budgets from GE (EOS Platform) and SBRC (MODIS Instrument).

He is also preparing to reprocess the MAS ASTEX data using the final calibration coefficients.

4. LEVEL-1 DESIGN ASSUMPTIONS/TRACKING/RISK LIST: Tom Goff presented an updated version of the assumptions list for the MODIS Level-1 design.

ACTION ITEMS:

06/12/92 [LLOYD CARPENTER]. Due Date: 02/12/93. Implement Microsoft Project for managing and scheduling MODIS SDST activities, including Level-1A and -1B schedules, Level-2 shell schedule, sizing of computer resource requirements, and overview. STATUS: Open.

12/22/92 [LLOYD CARPENTER]. Due Date: 03/01/93. Survey the MODIS science team members to determine computer storage and processing requirements for Level-2 processing. STATUS Open.

01/22/93 [AL FLEIG]: Due Date: 2/15/93. Write a memo to the project to change the MODIS duty cycle to 50% daytime, 50% nighttime. STATUS: Open.

1/22/93 [CARL SOLOMON]. Due Date: 2/12/93. Develop configuration management concepts suitable for application for MODIS Level-1 (etc.) software development; prepare alternatives and "cost/benefit" analyses. STATUS: Open.

1/22/93 [JIM STOREY]. Due Date: TBD. Meet with EDOS, AM platform, and other groups; develop "cost/benefit" analyses; and provide recommendations for treatment of platform ancillary data (e.g., position, attitude). For example, do we incorporate position/attitude data into the Level-1A product or assign a pointer to it? Do we recommend that platform ancillary data be included in the MODIS instrument Level-0 data stream? STATUS Open.

1/22/93 [LLOYD CARPENTER/TOM GOFF]. Develop SDST-final draft of Level-1 requirements/ assumptions. Due Date: (Initial draft due 2/14/93; iterate until 2/26/93; mail draft to MODIS, EOSDIS, and other parties for review by 3/1/93). STATUS: Open.

1/22/93 [PAUL HUBANKS/CARROLL HOOD]. Due Date: TBD. Develop concepts for improving completeness of MAS metadata (anticipate the questions scientists might ask prior to ordering the data; e.g., identify clouds, snow/ice, etc.). STATUS: Open.